

Name: \_\_\_\_\_

**at110paper\_practice\_test (v111)**

1. Expand the following expression into standard form.

$$(7x - 4)(5x - 8)$$

2. Solve the equation.

$$7x^2 + 37x + 67 = 4x^2 + 2x - 5$$

3. Expand the following expression into standard form.

$$(5x - 9)^2$$

4. Solve the equation with factoring by grouping.

$$15x^2 - 10x - 18x + 12 = 0$$

5. Factor the expression.

$$x^2 - x - 6$$

6. Solve the equation.

$$(4x - 5)(3x + 2) = 0$$

7. Expand the following expression into standard form.

$$(8x - 7)(8x + 7)$$

8. Factor the expression.

$$36x^2 - 25$$